

# Ashish A Chainani

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5095566/ashish-a-chainani-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188  
papers

6,096  
citations

43  
h-index

71  
g-index

201  
ext. papers

6,535  
ext. citations

4.4  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
188	Fermi surface sheet-dependent superconductivity in 2H-NbSe <sub>2</sub> . <i>Science</i> , <b>2001</b> , 294, 2518-20	33.3	278
187	Electron-spectroscopy study of the semiconductor-metal transition in La <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3</sub> . <i>Physical Review B</i> , <b>1992</b> , 46, 9976-9983	3.3	256
186	Adsorption-induced switching of magnetic anisotropy in a single iron(II) phthalocyanine molecule on an oxidized Cu(110) surface. <i>Physical Review Letters</i> , <b>2009</b> , 102, 167203	7.4	242
185	Octet-line node structure of superconducting order parameter in KFe <sub>2</sub> As <sub>2</sub> . <i>Science</i> , <b>2012</b> , 337, 1314-7	33.3	196
184	Electron spectroscopic investigation of the semiconductor-metal transition in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>1993</b> , 47, 15397-15403	3.3	181
183	Orbital-dependent modifications of electronic structure across the magnetostructural transition in BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2010</b> , 104, 057002	7.4	148
182	Charge-order-maximized momentum-dependent superconductivity. <i>Nature Physics</i> , <b>2007</b> , 3, 720-725	16.2	144
181	Nature of the well screened state in hard X-ray Mn 2p core-level photoemission measurements of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> films. <i>Physical Review Letters</i> , <b>2004</b> , 93, 236401	7.4	130
180	Orbital-independent superconducting gaps in iron pnictides. <i>Science</i> , <b>2011</b> , 332, 564-7	33.3	122
179	A versatile system for ultrahigh resolution, low temperature, and polarization dependent laser-angle-resolved photoemission spectroscopy. <i>Review of Scientific Instruments</i> , <b>2008</b> , 79, 023106	1.7	111
178	High-resolution photoemission spectroscopy of the Verwey transition in Fe <sub>3</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>1995</b> , 51, 17976-17979	3.3	103
177	Covalency-driven unusual metal-insulator transition in nickelates. <i>Physical Review B</i> , <b>1994</b> , 49, 8475-8478	3.3	96
176	Evidence for suppressed screening on the surface of high temperature La(2-x)Sr <sub>x</sub> CuO <sub>4</sub> and Nd <sub>2</sub> (2-x)Ce <sub>x</sub> CuO <sub>4</sub> superconductors. <i>Physical Review Letters</i> , <b>2005</b> , 95, 177002	7.4	92
175	Electronic structure of the quasi-one-dimensional halogen-bridged Ni complexes. <i>Physical Review B</i> , <b>1996</b> , 54, 8438-8445	3.3	90
174	Strong valence fluctuation in the quantum critical heavy fermion superconductor YbAlB <sub>4</sub> : a hard x-ray photoemission study. <i>Physical Review Letters</i> , <b>2010</b> , 104, 247201	7.4	88
173	A study of martensitic stainless steel AISI 420 modified using plasma nitriding. <i>Surface and Coatings Technology</i> , <b>2002</b> , 150, 263-268	4.4	88
172	Bulk screening in core-level photoemission from Mott-Hubbard and charge-transfer systems. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	87

171	Extended Van Hove singularity in a noncuprate layered superconductor Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review Letters</i> , <b>1996</b> , 76, 3009-3012	7.4	87
170	Metal-insulator transitions in metal clusters: a high-energy spectroscopy study of palladium and silver clusters. <i>The Journal of Physical Chemistry</i> , <b>1992</b> , 96, 8679-8682		86
169	Revisiting the valence-band and core-level photoemission spectra of NiO. <i>Physical Review Letters</i> , <b>2008</b> , 100, 206401	7.4	85
168	Fermi surfaces, electron-hole asymmetry, and correlation kink in a three-dimensional Fermi liquid LaNiO <sub>3</sub> . <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	83
167	Electronic structure of La <sub>1-x</sub> Sr <sub>x</sub> FeO <sub>3</sub> . <i>Physical Review B</i> , <b>1993</b> , 48, 14818-14825	3.3	83
166	Photoemission evidence for a Mott-Hubbard metal-insulator transition in VO <sub>2</sub> . <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	80
165	Coherent and Incoherent Excitations of Electron-Doped SrTiO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2008</b> , 100, 056401	7.4	77
164	Contrasting behavior of homovalent-substituted and hole-doped systems: O K-edge spectra from LaNi <sub>1-x</sub> M <sub>x</sub> O <sub>3</sub> (M=Mn, Fe, and Co) and La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>1994</b> , 49, 14238-14243	3.3	74
163	Absence of nesting in the charge-density-wave system 1T-VS <sub>2</sub> as seen by photoelectron spectroscopy. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	71
162	Disorder Effects in Electronic Structure of Substituted Transition Metal Compounds. <i>Physical Review Letters</i> , <b>1998</b> , 80, 4004-4007	7.4	71
161	Large magnetoresistance in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> and its dependence on magnetization. <i>Applied Physics Letters</i> , <b>1995</b> , 66, 233-235	3.4	71
160	Superconductivity in an electron band just above the Fermi level: possible route to BCS-BEC superconductivity. <i>Scientific Reports</i> , <b>2014</b> , 4, 4109	4.9	69
159	Pseudogap formation above the superconducting dome in iron pnictides. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	63
158	Photoemission spectroscopy of the strong-coupling superconducting transitions in lead and niobium. <i>Physical Review Letters</i> , <b>2000</b> , 85, 1966-9	7.4	59
157	Bulk- and surface-sensitive high-resolution photoemission study of two mott-hubbard systems: SrVO <sub>3</sub> and CaVO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2006</b> , 96, 076402	7.4	58
156	Angle-resolved photoemission study of Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review B</i> , <b>1996</b> , 54, 13311-13318	3.3	57
155	The large magnetoresistance of La <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3</sub> at low temperatures. <i>Journal of Physics Condensed Matter</i> , <b>1995</b> , 7, L561-L565	1.8	56
154	Evidence for a correlated insulator to antiferromagnetic metal transition in CrN. <i>Physical Review Letters</i> , <b>2010</b> , 104, 236404	7.4	55

153	Angle-resolved photoemission study of the cobalt oxide superconductor $\text{Na}(x)\text{CoO}(2) \times y\text{H}(2)\text{O}$ : observation of the Fermi surface. <i>Physical Review Letters</i> , <b>2006</b> , 97, 267003	7-4	52
152	Role of charge-density-wave fluctuations on the spectral function in a metallic charge-density-wave system. <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	51
151	Electronic structure of $\text{LaNiO}_3$ : An in situ soft x-ray photoemission and absorption study. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	49
150	Bulk electronic structure of $\text{Na}_{0.35}\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$ . <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	49
149	Right handed or left handed? Forbidden x-ray diffraction reveals chirality. <i>Physical Review Letters</i> , <b>2008</b> , 100, 145502	7-4	47
148	Recoil effect of photoelectrons in the Fermi edge of simple metals. <i>Physical Review Letters</i> , <b>2008</b> , 101, 137601	7-4	46
147	Manganese concentration and low-temperature annealing dependence of $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ by x-ray absorption spectroscopy. <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	43
146	Evidence for correlation effects in $\text{Sr}_2\text{RuO}_4$ from resonant and x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>1996</b> , 53, 8151-8154	3-3	43
145	Time-resolved HAXPES at SACLA: probe and pump pulse-induced space-charge effects. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123045	2-9	41
144	Importance of dynamical effects in determining the Auger spectral shape: L23-M45M45 spectra of Fe, Co, and Cu. <i>Physical Review B</i> , <b>1993</b> , 48, 6822-6831	3-3	41
143	Observation of a superconducting gap in boron-doped diamond by laser-excited photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2007</b> , 98, 047003	7-4	39
142	Evidence for a $\cos(4\pi)$ modulation of the superconducting energy gap of optimally doped $\text{FeTe}_{0.6}\text{Se}_{0.4}$ single crystals using laser angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2012</b> , 109, 237011	7-4	38
141	Three-dimensional bulk band dispersion in polar $\text{BiTeI}$ with giant Rashba-type spin splitting. <i>Physical Review B</i> , <b>2012</b> , 86,	3-3	38
140	Electronic structure of strained $(\text{La}_{0.85}\text{Ba}_{0.15})\text{MnO}_3$ thin films with room-temperature ferromagnetism investigated by hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	38
139	Jahn-Teller distortion driven magnetic polarons in magnetite. <i>Nature Communications</i> , <b>2017</b> , 8, 15929	17-4	37
138	Existence of orbital order and its fluctuation in superconducting $\text{Ba}(\text{Fe}_{1-x}\text{Co}(x))_2\text{As}_2$ single crystals revealed by x-ray absorption spectroscopy. <i>Physical Review Letters</i> , <b>2013</b> , 111, 217001	7-4	37
137	Paramagnetic-to-antiferromagnetic phase transition of $\text{CeSb}$ studied by high-resolution angle-resolved photoemission. <i>Physical Review B</i> , <b>1997</b> , 56, 13654-13657	3-3	36
136	Dual Character of 5f Electrons in $\text{UPd}_2\text{Al}_3$ Observed by High-Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 156-159	1-5	35

135	Role of Ti 3d carriers in mediating the ferromagnetism of Co:TiO <sub>2</sub> anatase thin films. <i>Physical Review Letters</i> , <b>2011</b> , 106, 047602	7.4	34
134	Low-temperature electrical conductivity of. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, L631-L636	1.8	34
133	Identification of valence electronic states of aqueous acetic acid in acid-base equilibrium using site-selective X-ray emission spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 8676-9	3.6	33
132	On-site Coulomb energy versus crystal-field splitting for the insulator-metal transition in La <sub>1-x</sub> Sr <sub>x</sub> TiO <sub>3</sub> . <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	33
131	Electronic Structure of Perovskite Oxides, LaMO <sub>3</sub> (M = Ti-Ni), from High-Energy Electron Spectroscopic Investigations. <i>Journal of Solid State Chemistry</i> , <b>1994</b> , 111, 208-216	3.3	32
130	Photoemission study of porous silicon. <i>Applied Physics Letters</i> , <b>1992</b> , 61, 1655-1657	3.4	32
129	Resonant Soft X-Ray Emission Spectroscopy of NiO across the NiL <sub>2,3</sub> Thresholds. <i>Journal of the Physical Society of Japan</i> , <b>2001</b> , 70, 1813-1816	1.5	31
128	High-resolution angle-resolved photoemission study of CeP: Narrow-band formation of 4f electrons. <i>Physical Review B</i> , <b>1997</b> , 55, R3355-R3357	3.3	30
127	Interplay of superconductivity and rattling phenomena in beta-pyrochlore KOs <sub>2</sub> O <sub>6</sub> studied by photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2007</b> , 99, 117003	7.4	29
126	Angle-resolved photoemission study of the ladder compound Sr <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> . <i>Physical Review B</i> , <b>1997</b> , 56, 7870-7873	3.3	28
125	Laser-excited ultrahigh-resolution photoemission spectroscopy of Na <sub>x</sub> CoO <sub>2</sub> ·yH <sub>2</sub> O: Evidence for pseudogap formation. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	28
124	Anomalous state sandwiched between Fermi liquid and charge ordered Mott-insulating phases of Ti <sub>4</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2010</b> , 104, 106401	7.4	27
123	Electronic Structure of and the Metal-Insulator Transition in La <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3-δ</sub> A Soft-X-Ray Absorption Study. <i>Europhysics Letters</i> , <b>1992</b> , 19, 513-518	1.6	27
122	Hard X-ray core-level photoemission of V <sub>2</sub> O <sub>3</sub> . <i>Europhysics Letters</i> , <b>2004</b> , 68, 557-563	1.6	26
121	Temperature-dependent Luttinger surfaces. <i>Physical Review Letters</i> , <b>2005</b> , 95, 246402	7.4	26
120	High-resolution photoemission study of CeRu <sub>2</sub> : The dual character of 4f electrons. <i>Physical Review B</i> , <b>1996</b> , 53, R11946-R11948	3.3	26
119	Observation of quadrupole helix chirality and its domain structure in DyFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . <i>Nature Materials</i> , <b>2014</b> , 13, 611-8	27	25
118	Bulk band structure and Fermi surface of nickel: A soft x-ray angle-resolved photoemission study. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	25

117	High-resolution angle-resolved photoemission spectroscopy of CeBi. <i>Physical Review B</i> , <b>1996</b> , 54, 9341-9345	3.3	25
116	High-resolution temperature-dependent photoemission spectroscopy of FeSi: Evidence for localized states. <i>Physical Review B</i> , <b>1994</b> , 50, 8915-8917	3.3	25
115	Electronic structure of FeO, Fe <sub>2</sub> O <sub>3</sub> , and Fe <sub>3</sub> O <sub>4</sub> epitaxial films using high-energy spectroscopies. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	25
114	Temperature Dependence of Magnetically Active Charge Excitations in Magnetite across the Verwey Transition. <i>Physical Review Letters</i> , <b>2015</b> , 115, 256405	7.4	24
113	Kondo resonance in PrTi <sub>2</sub> Al <sub>20</sub> : Photoemission spectroscopy and single-impurity Anderson model calculations. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	24
112	Electron-phonon coupling induced pseudogap and the superconducting transition in Ba <sub>0.67</sub> K <sub>0.33</sub> BiO <sub>3</sub> . <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	24
111	Coulomb Correlations Intertwined with Spin and Orbital Excitations in LaCoO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 196402	7.4	23
110	Temperature dependence of the electronic structure of the charge-ordering manganite Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>1997</b> , 56, R15513-R15516	3.3	23
109	Temperature-dependent localized excitations of doped carriers in superconducting diamond. <i>Physical Review Letters</i> , <b>2008</b> , 100, 166402	7.4	23
108	Electronic structure of an antiferromagnetic metal: CaCrO <sub>3</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	22
107	Ligand Energy Controls the Heme-Fe Valence in Aqueous Myoglobins. <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 044802	1.5	22
106	Superconducting electronic state in optimally doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> observed with laser-excited angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	20
105	Anomalous duality of 4f electrons in filled skutterudite CeOs <sub>4</sub> Sb <sub>12</sub> . <i>Physical Review Letters</i> , <b>2009</b> , 102, 036403	7.4	20
104	Resonant Inelastic X-ray Scattering of EuNi <sub>2</sub> (Si <sub>1-x</sub> Ge <sub>x</sub> ) <sub>2</sub> and Eu <sub>2</sub> O <sub>3</sub> at Eu L <sub>3</sub> Absorption Edge. <i>Journal of the Physical Society of Japan</i> , <b>2006</b> , 75, 034702	1.5	20
103	Cooperative effects of electron correlation and charge ordering on the metal-insulator transition in quasi-one-dimensional deuterated (DMe-DCNQI) <sub>2</sub> Cu. <i>Physical Review B</i> , <b>1996</b> , 53, 1790-1794	3.3	19
102	Determination of structural chirality of berlinite and quartz using resonant x-ray diffraction with circularly polarized x-rays. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	18
101	Combining photoemission and optical spectroscopies for reliable valence determination in YbS and Yb metal. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	18
100	Temperature-dependent Eu 3d <sub>5/2</sub> x-ray absorption and resonant photoemission study of the valence transition in EuNi <sub>2</sub> (Si <sub>0.2</sub> Ge <sub>0.8</sub> ) <sub>2</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	18

99	Quantum valence criticality in a correlated metal. <i>Science Advances</i> , <b>2018</b> , 4, eaao3547	14.3	17
98	Time-resolved HAXPES using a microfocused XFEL beam: From vacuum space-charge effects to intrinsic charge-carrier recombination dynamics. <i>Scientific Reports</i> , <b>2016</b> , 6, 35087	4.9	17
97	Bulk sensitive spectroscopy for the valence transition in YbInCu <sub>4</sub> -based compounds. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	17
96	Intermediate-Valence Behavior of YbCu <sub>5-x</sub> Al <sub>x</sub> around Quantum Critical Point Measured by Resonant Inelastic X-ray Scattering at Yb L <sub>3</sub> Absorption Edge. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 124705	1.5	17
95	Electronic structure of the quasi-one-dimensional organic conductors DCNQI (N,N'-dicyanoquinonediimine)-Cu salts. <i>Physical Review B</i> , <b>1995</b> , 52, 7951-7959	3.3	17
94	Electronic structure of Fe <sub>3</sub> O <sub>4</sub> across the Verwey transition. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1996</b> , 78, 99-102	1.7	17
93	Comparative study of the electronic structure of MgB <sub>2</sub> and ZrB <sub>2</sub> . <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	16
92	Electronic structure of configuration vanadium oxides studied by soft X-ray and hard X-ray photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2007</b> , 156-158, 421-425	1.7	15
91	Doping-dependent changes in nitrogen 2p states in the diluted magnetic semiconductor Ga <sub>1-x</sub> Cr <sub>x</sub> N. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	15
90	Hard X-ray Photoemission Spectroscopy of Temperature-Induced Valence Transition in EuNi <sub>2</sub> (Si <sub>0.20</sub> Ge <sub>0.80</sub> ) <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2004</b> , 73, 2616-2619	1.5	15
89	Temperature dependence of the exchange stiffness in FePd(001) thin films: Deviation from the empirical law $A(T) \propto T^2$ at intermediate temperatures. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	14
88	Temperature-dependent core-level x-ray photoemission spectroscopy of the organic conductors (MeClDCNQI) <sub>2</sub> Cu, (MeBrDCNQI) <sub>2</sub> Cu, and (DIDCNQI) <sub>2</sub> Cu. <i>Physical Review B</i> , <b>1998</b> , 57, 11846-11849	3.3	14
87	Synchrotron-radiation photoemission study of in-situ synthesized DCNQI(N,N'-dicyanoquinonediimine)-Cu salts. <i>Solid State Communications</i> , <b>1995</b> , 93, 1-5	1.6	14
86	An ultrahigh-vacuum apparatus for resonant diffraction experiments using soft x rays ( $h\nu=300-2000$ eV). <i>Review of Scientific Instruments</i> , <b>2009</b> , 80, 023905	1.7	13
85	Doping-dependence of nodal quasiparticle properties in high-T <sub>c</sub> cuprates studied by laser-excited angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	13
84	Layer-dependent band dispersion and correlations using tunable soft X-ray ARPES. <i>Europhysics Letters</i> , <b>2004</b> , 67, 240-246	1.6	13
83	Electronic structure of black SmS. I. d <sub>4f</sub> resonance and angle-integrated valence-band photoemission spectroscopy. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	13
82	Dimensionality reduction and band quantization induced by potassium intercalation in 1TbTe <sub>2</sub> . <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	13



81	Yokoya et al. Reply.: <i>Physical Review Letters</i> , <b>1997</b> , 78, 2272-2272	7.4	12
80	Electronic structure of semiconducting CeFe <sub>4</sub> P <sub>12</sub> : Strong hybridization and relevance of single-impurity Anderson model. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	12
79	Fermi surface and superconducting gap of 2H-NbSe <sub>2</sub> using low-temperature ultrahigh-resolution angle-resolved photoemission spectroscopy. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 312-313, 666-667	2.8	12
78	Electronic structure of black SmS. II. Angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	12
77	Electrical resistivity anomalies in the perovskites La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>1993</b> , 186-188, 995-997	2.8	12
76	Quasiparticles and Fermi liquid behaviour in an organic metal. <i>Nature Communications</i> , <b>2012</b> , 3, 1089	17.4	11
75	Electronic structure of VO <sub>2</sub> -TiO <sub>2</sub> :Nb upon photocarrier injection. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	11
74	Correlation effects, circular dichroism, and Fermi surfaces of bulk nickel from soft x-ray angle-resolved photoemission. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	10
73	Hard X-ray core level photoemission of vanadium oxides. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 841-843	1.7	10
72	Low temperature linear magnetic field sensor based on magnetoresistance of the perovskite oxide LaBrTiO <sub>3</sub> . <i>Review of Scientific Instruments</i> , <b>1995</b> , 66, 3071-3072	1.7	10
71	High-Resolution Photoemission Study of UNi <sub>2</sub> Al <sub>3</sub> and URu <sub>2</sub> Si <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 2685-2689	1.5	10
70	Orbital characters of three-dimensional Fermi surfaces in Eu <sub>2-x</sub> Sr <sub>x</sub> NiO <sub>4</sub> as probed by soft-x-ray angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	9
69	Anisotropic s-wave superconductors studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 277-281	3.9	9
68	Development of a single-shot CCD-based data acquisition system for time-resolved X-ray photoelectron spectroscopy at an X-ray free-electron laser facility. <i>Journal of Synchrotron Radiation</i> , <b>2014</b> , 21, 183-92	2.4	9
67	Hard X-ray photoelectron spectroscopy: A few recent applications. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2013</b> , 190, 242-248	1.7	8
66	Electronic Structure Evolution across the Peierls Metal-Insulator Transition in a Correlated Ferromagnet. <i>Physical Review X</i> , <b>2015</b> , 5,	9.1	8
65	High-resolution temperature-dependent valence-band photoemission spectroscopy of gold: Nature of electron-phonon coupling. <i>Physical Review B</i> , <b>1997</b> , 55, 5574-5577	3.3	8
64	Electronic structure of carbon-free silicon oxynitride films grown using an organic precursor hexamethyl-disilazane. <i>Journal Physics D: Applied Physics</i> , <b>2002</b> , 35, L44-L47	3	8



63	Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe <sub>2</sub> (As,P) <sub>2</sub> with low energy photons. <i>Solid State Communications</i> , <b>2012</b> , 152, 695-700	1.6	7
62	Resonant Photoemission Spectroscopy of Layered Triangular Lattices Ag <sub>2</sub> MO <sub>2</sub> (M = Ni and Mn): Evidence for M 3d States at Fermi Level. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 023704	1.5	7
61	Photoemission Evidence for Valence Fluctuations and Kondo Resonance in YbAl <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 073702	1.5	7
60	Laser-excited ultrahigh-resolution photoemission spectroscopy of superconducting Na <sub>0.35</sub> CoO <sub>2</sub> ·1.3H <sub>2</sub> O. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 282-285	3.9	7
59	Hard X-ray photoemission study of Mn 2p core-levels of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> thin films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 557-559	1.7	7
58	Direct observation of a neutral Mn acceptor in Ga <sub>1-x</sub> Mn <sub>x</sub> As by resonant x-ray emission spectroscopy. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	7
57	Systematics in the oxygen 1s core-level photoemission spectra from metal oxides: Model calculations. <i>Physical Review B</i> , <b>1990</b> , 41, 6688-6691	3.3	7
56	Electron Dynamics Probed by Time-Resolved Hard X-ray Photoelectron Spectroscopy. <i>Transactions of the Materials Research Society of Japan</i> , <b>2014</b> , 39, 469-473	0.2	6
55	Evidence for Weakly Correlated Oxygen Holes in the Highest-T <sub>c</sub> Cuprate Superconductor HgBa <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>8+δ</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 057001	7.4	6
54	Evidence for oxygen holes due to d <sub>xy</sub> rehybridization in thermoelectric Sr <sub>1-x</sub> Rh <sub>x</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	6
53	Electronic structure changes across the valence transition in EuNi <sub>2</sub> (Si <sub>0.2</sub> Ge <sub>0.8</sub> ) <sub>2</sub> . <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	6
52	Electronic Structure Characteristics of MBE (molecular beam epitaxy)-Grown Diluted Magnetic Semiconductor Ga <sub>1-x</sub> CrxN Films. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L153-L155	1.4	6
51	High-resolution photoemission study of UNi <sub>2</sub> Al <sub>3</sub> and URu <sub>2</sub> Si <sub>2</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1996</b> , 78, 143-145	1.7	6
50	High-energy-resolution photoemission study of CeNiSi <sub>2</sub> and CePtSi <sub>2</sub> . <i>Physical Review B</i> , <b>1996</b> , 53, 2565-2568	3.9	6
49	Electronic structure of CeCuAs <sub>2</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	5
48	Kondo scaling of the pseudogap in CeOs <sub>4</sub> Sb <sub>12</sub> and CeFe <sub>4</sub> P <sub>12</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 095502	1.8	5
47	Photoemission spectroscopy of Ce-filled skutterudites. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 177-188	2.8	5
46	Bulk and surface sensitive high-resolution photoemission study of Mott-Hubbard systems SrVO <sub>3</sub> and CaVO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 330-331	2.8	5

45	Temperature-induced valence transition in $\text{EuNi}_2(\text{Si}_{0.20}\text{Ge}_{0.80})_2$ studied by hard X-ray photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 553-555	1.7	5
44	Investigations of transition-metal clusters deposited on solid substrates by photoelectron spectroscopy, bremsstrahlung isochromat spectroscopy and related techniques. <i>Faraday Discussions</i> , <b>1991</b> , 92, 147	3.6	5
43	Out-of-plane nesting driven spin spiral in ultrathin Fe/Cu(001) films. <i>Physical Review Letters</i> , <b>2010</b> , 104, 066407	7.4	4
42	Fermi surface of Co(0001) and initial-state linewidths determined by soft x-ray angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	4
41	Unconventional spectral changes across the metal-insulator transition in $\text{CeTiO}_3$ . <i>Physical Review B</i> , <b>1997</b> , 56, 12050-12053	3.3	4
40	In situ photoemission study of $\text{LaNiO}_3$ thin films grown by pulsed laser deposition. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2007</b> , 156-158, 107-110	1.7	4
39	Soft x-ray energy-dependent angle-resolved photoemission study of $\text{CeIrIn}_5$ . <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, S2149-S2152	1.8	4
38	Electron spectroscopic studies of the organic conductors DCNQI (N,N'-dicyanoquinonediimine)-Cu salts. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1996</b> , 78, 469-472	1.7	4
37	Extended van-Hove singularity in $\text{Sr}_2\text{RuO}_4$ observed by angle-resolved photoemission. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 263, 505-509	1.3	4
36	Electronic structure investigation of GdNi using x-ray absorption, magnetic circular dichroism, and hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	3
35	Quantifying covalency and metallicity in correlated compounds undergoing metal-insulator transitions. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	3
34	Superconducting transitions studied by ultrahigh-resolution photoemission. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2002</b> , 124, 99-105	1.7	3
33	Hard-X-ray photoelectron spectroscopy of $\text{NaCoO}_y\text{HO}$ . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 547, 163-168 <sup>1,2</sup>	1.2	3
32	Electronic structure, microstructure, and crystal structure of the precipitation-hardened alloy $\text{Cu}_{98}\text{Be}_{1.8}\text{Co}_{0.2}$ . <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	3
31	Electronic structure of $\text{Ce}_{1-x}\text{Sr}_x\text{TiO}_3$ : Comparison between substitutional and vacancy doping. <i>Physical Review B</i> , <b>1999</b> , 59, 1815-1818	3.3	3
30	Calculated oxygen 1s core-level photoemission spectra from cuprate superconductors <b>1991</b> , 37, 135-140		3
29	Role of antisite disorder, electron-electron correlations, and a surface valence transition in the electronic structure of $\text{CeMnNi}_4$ . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3
28	A submicron soft x-ray active grating monochromator beamline for ultra-high resolution angle-resolved photoemission spectroscopy <b>2019</b> ,		2

27	Determination of the electronic structure in the strongly correlated 1-D electron systems: X-ray photoelectron and Auger spectroscopy of halogen-bridged nickel complexes. <i>Synthetic Metals</i> , <b>1997</b> , 86, 2139-2140	3.6	2
26	Low power density multihole cathode very-high-frequency plasma for mixed phase Si:H thin films. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 191502	3.4	2
25	Superconducting gap of MgB <sub>2</sub> observed using ultrahigh-resolution photoemission spectroscopy. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 312-313, 150-151	2.8	2
24	Photoemission results of intermetallic superconductors: Nb <sub>3</sub> Al and MgB <sub>2</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>2002</b> , 63, 2141-2144	3.9	2
23	Soft X-ray spectroscopy of diluted magnetic semiconductor Ga <sub>1-x</sub> M <sub>x</sub> N (M = Cr, Mn). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 707-710	1.7	2
22	Ultra-high resolution photoemission spectroscopy of simple metals: direct observation of superconducting gap and phonon-induced fine structures. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2001</b> , 114-116, 635-639	1.7	2
21	Angle-resolved and resonant photoemission study of Sr <sub>2</sub> RuO <sub>4</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>1995</b> , 56, 1885-1886	3.9	2
20	High-resolution angle-resolved photoemission study of non cuprate two-dimensional superconductor Sr <sub>2</sub> RuO <sub>4</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1996</b> , 78, 171-174	1.7	2
19	Bulk-sensitive laser-ARPES study on the cuprate superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S62-S64	1.3	1
18	Angle-resolved photoemission study of Sr <sub>2</sub> RuO <sub>4</sub> ; An extended van-Hove singularity in non-cuprate superconductor. <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 282-287, 218-221	1.3	1
17	Magnetic phase transition of CeSb studied by high-resolution angle-resolved photoemission. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 177-181, 1027-1028	2.8	1
16	Temperature dependent X-ray absorption spectroscopy of the valence transition in EuNi <sub>2</sub> (Si <sub>0.20</sub> Ge <sub>0.80</sub> ) <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 681-682	2.8	1
15	High-resolution photoemission study of deuterated dimethyl-dicyanoquinonedimine-Cu compound; (DMe-DCNQI) <sub>2</sub> Cu. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1996</b> , 78, 441-444	1.7	1
14	Attractive Coulomb interaction, temperature-dependent hybridization, and natural circular dichroism in 1T <sub>d</sub> Se <sub>2</sub> . <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
13	Electronic structure of LaTe and CeTe. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2016</b> , 208, 116-120	1.7	0
12	Resonant photoemission spectroscopy of the ferromagnetic Kondo system CeAgSb <sub>2</sub> . <i>Electronic Structure</i> , <b>2021</b> , 3, 034001	2.6	0
11	A model for doping-dependent magnetic frustration and ordering in a triangular lattice. <i>Europhysics Letters</i> , <b>2013</b> , 104, 27007	1.6	
10	Angle-resolved photoemission spectroscopy of non-cuprate two-dimensional perovskite superconductor Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>1997</b> , 237-238, 377-379	2.8	

- 9 Hard X-ray and soft X-ray photoemission study of vanadium oxides. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, e289-e291 2.8
- 8 Hard X-ray photoemission spectroscopy for intrinsic electronic structure of strongly correlated electron systems. *Physica B: Condensed Matter*, **2006**, 378-380, 1152-1153 2.8
- 7 Structural and magnetic properties of Fe/Ni multilayers. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2004**, 1, 3651-3655
- 6 Electron Spectroscopic Data of  $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$  and  $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ . *Surface Science Spectra*, **1999**, 6, 274-291.2
- 5 High-Resolution Photoemission Spectroscopy of Low-T<sub>c</sub> Superconductors **2007**, 187-212
- 4 High-resolution photoemission study of deuterated dimethyl-dicyanoquinonediimine-Cu compound;  $(\text{DMe-DCNQI})_2\text{Cu}$  **1996**, 441-444
- 3 Electron spectroscopic studies of the organic conductors DCNQI (N,N'-dicyanoquinonediimine)-Cu salts **1996**, 469-472
- 2 Femtosecond Time-Resolved HAXPES. *Springer Series in Surface Sciences*, **2016**, 555-568 0.4
- 1 Time-resolved photoemission spectroscopy in graphite. *Springer Series in Chemical Physics*, **2009**, 274-276.3